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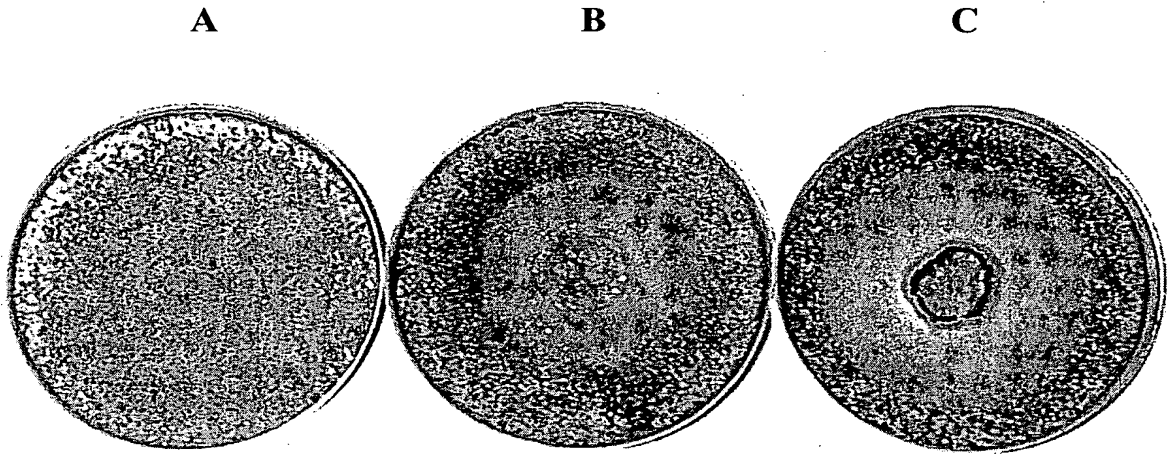


Figure 1

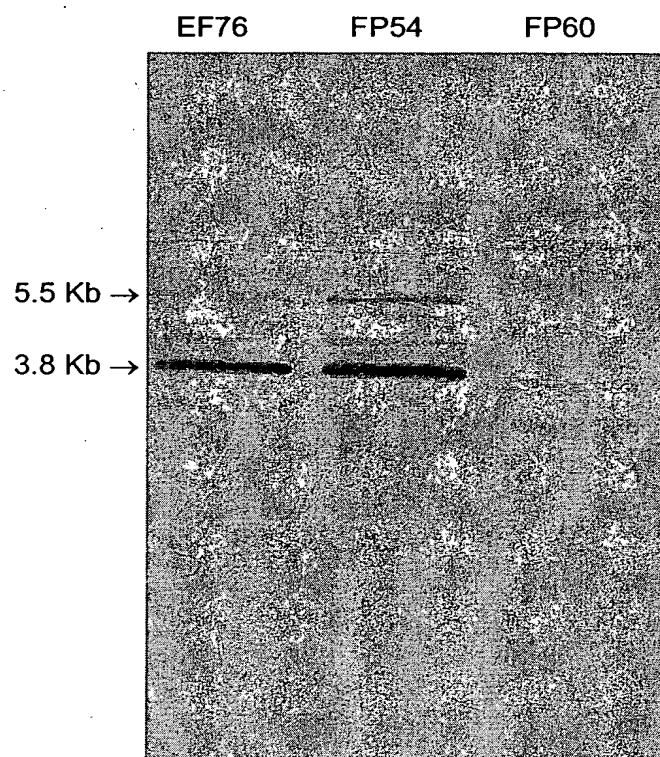


Figure 2

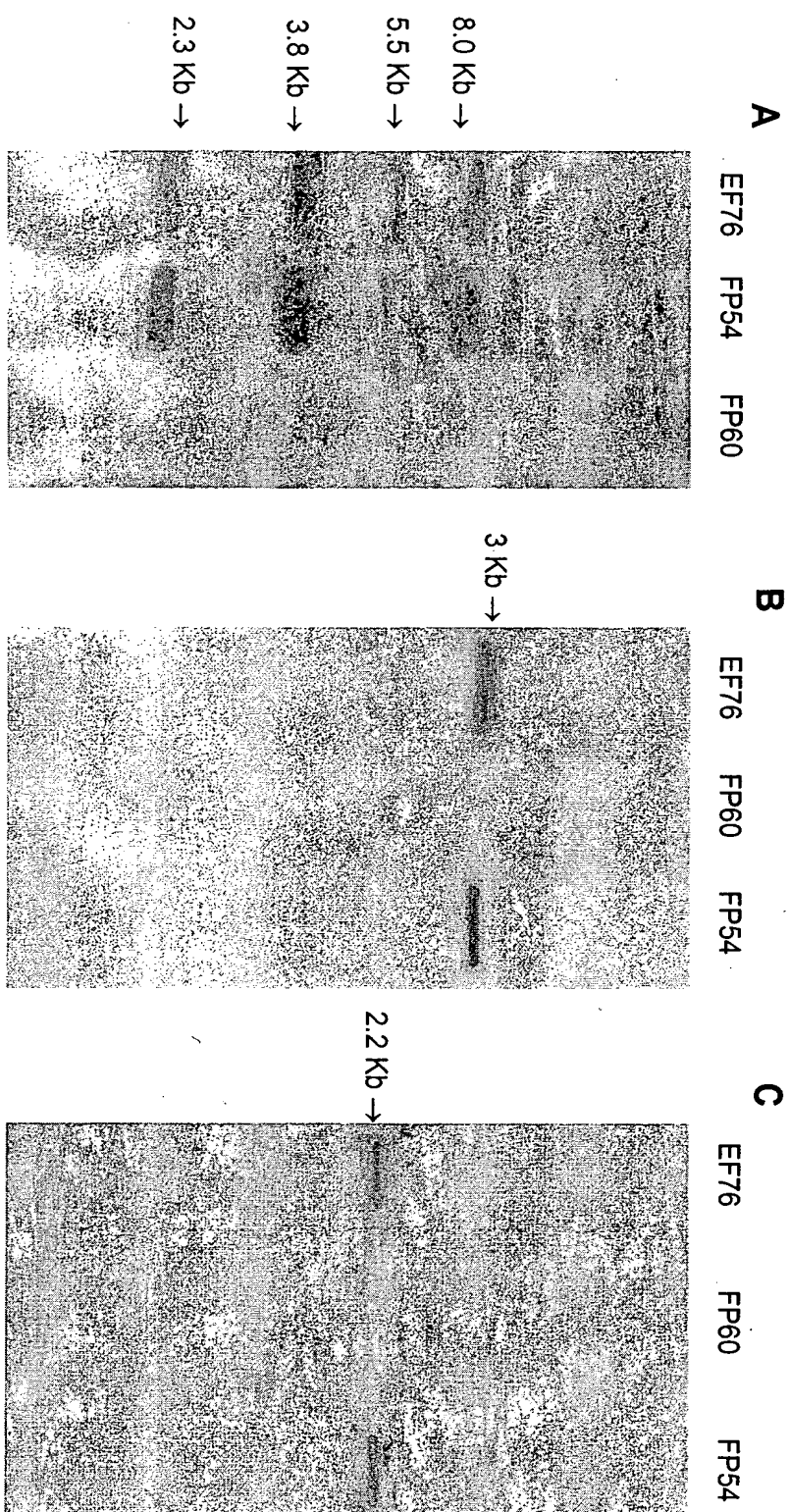


Figure 3

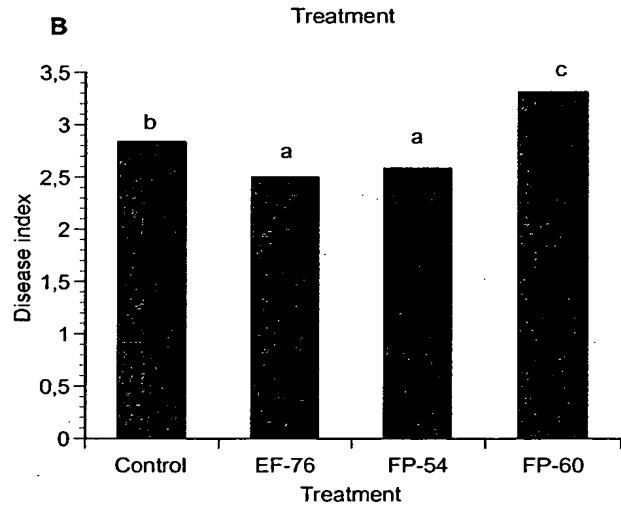
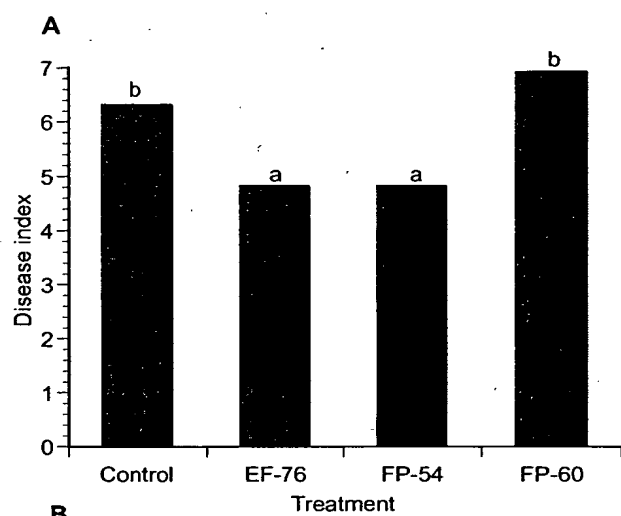


Figure 4

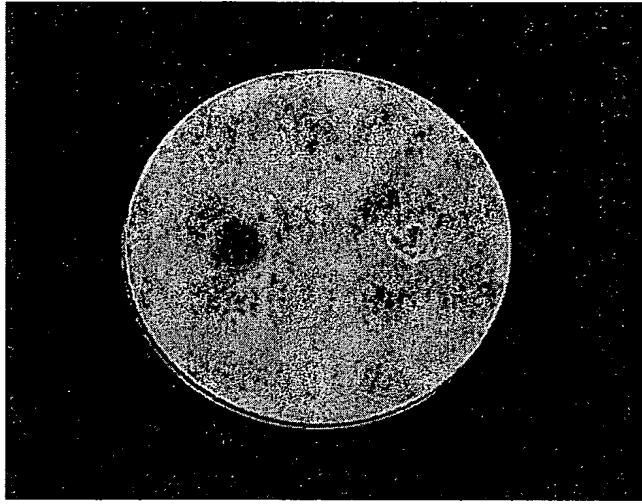


Figure 5

GGTCTCGAGGGCCCGGCC GTG ACC ATC GAC ACC GCC TGC TCG TCG TCG CTG GTG GCG	40
CTG CAC CTT GCC GCG CAG GCG CTG CGG CAG GGT GAA TGC TCG CTG GCG CTG GCG	94
GGC GGG GTG GCC GTG ATG TCC ACC CCC GGC ACC TTC GTG GAG TTC AGC CGT CAG	148
CGG GGT CTT GCG CCG GAC GGC CGG TGC AAG GCG TTC GCG GCG GCA GCG GAC GGT	202
ACG GGC TGG GGC GAG GGT GTG GGC ATG CTG CTG CTG GAG CGG CTG TCG GAC GCG	256
CGG CGC AAC GGA CAC CAG ATC CTC GCG GTG GTA CGC GGC TCC GCC GTC AAC CAG	310
GAC GGT GCG AGC AAC GGG CTC ACC GCG GCC CAA TGG CCC TCG CAA CAG CGG GTG	364
ATC CGG GCG GCG CTG GCC AAC GCG CGG CTG TCG GCG GCC GAG GTG GAC GTG GTC	418
GAG GCG CAT GGT ACG GGT ACC ACG CTG GGC GAC CCG ATC GAG GCG CAG GCG CTT	472
CTT GCC ACG TAC GGC CGT GAA CAC ACC GAC GAC CAG CCC CTG TGG CTC GGC TCG	526
ATC AAG TCC AAC ATC GGG CAC ACC CAG GCC GCG GCC GGT GTC GCG GGC ATT ATG	580
AAG ATG GTG CTT GCC ATG CGG CAT GGT CTG TTG CCG CAG ACG CTG GGC GTC GAC	634
GAA CCG TCG CCG CAC ATC GAC TGG ACG GCG GGA GCC TCG AAG CTG CTC ACC GAG	688
GCC AGG GCC TGG CCC GAG ACC GAC CGC CCA CGG CGG GCG GGC GTC TCG TCC TTC	742
GGC CTC AGC GGC ACC AAC GGC CAC ATC ATT CTC GAA CAG GAG CCG CCG ACC GAG	796
GCC GAC GAG GAA ACC TCC CAG GAG GAC GCG CAA CTT CCT CCC GCC GTC GTG CCA	850
TGG GTG CTG TCG GCG AAG TCC GAT GCC GGT GTG CGG GGG CAG GCC GCG CGA CTG	904
CAG TCG GCG GTG GCC GGG GAT ACC AGC CCG GGG ATG ACG GAC ATC GGT CTG TCG	958
CTG GTC ACC ACG CGT GCG GCG TTC GAG CGG CGG GCG GTG GTA CTG GGT GGT GAC	1012
CGT GCC GCG CTC GTC AGT GGC CTG ACC GCG CTG ACC GAG GGC CGG GAG GCG ACG	1066
CGC GTG GTG CGG GGG GCC GTG GTC GGC TCC GAT GCC CGA GTG GCC TTT GTC TTT	1120
CCT GGT CGA GGG GTC GCA GTG GGT GGG GAT GGC GGC TGG GTT GCT GGA GTC TTC	1174
GCC GGT GTT CGC GGA GCG ATT GGT GAG TGT GCG GCG GCT TCG GCG CCG TTC GTC	1228
GAC TGG TCG CTC GGG GAT GTG TTG CGG GGT GGG AAG GGT GCT GCG GAG GCG TTG	1282
GAG CGG GTG GAT GTG GTG CAG CCG GTG TTG TGG GCG GTG ATG GTG TCG TTG GCG	1336
GAG CTG TGG CGT TCG TAC GGT GTG GAG CCT GCG GCC GTT ATC GGT CAT TCG CAG	1390
GGT GAG ATC GCG GCG GCG TGT GTG GCG GGT GCG TTG TCG CTG GAG GAC GCC GCG	1444

Figure 6

CGC GTG GTG GCG TTG CGA AGC CAA GCA CTG CGG GCG TTG TCC GGC GGT GGT GGC	1498
ATG GTG TCG GTA TCA CTG CCC GTG AAG GCG GTA CGA GAG CGG CTG GTC CGG TGG	1552
GGT GAG CGG CTG TCG GTG GCA GCG GTG AAC GGG CCC TCG GCG GTT GTT GTC TCG	1606
GGT GAC GCG GAC GCG TTG GAC GAG CTG CTG GCG GTG TGC GAG GGC GAG GAG ATC	1660
CGG GCC CGT CGC ATC CCC GTG GAC TAC GCC TCG CAC TGC GCC CAT GTG GAG GAA	1714
ATC GAG GAG ACG TTG TTG CGG GAG CTG GCG GAT ATC GCT CCC CGG GCG TCG TCG	1768
GTG CCG TTC TAC TCC AGG GTC ACG GCA GGC GTG CTC GAT ACG ACC GGA CTG GAC	1822
GCC GGG TAC TGG TAC CGG AAT CTG CGT CAG ACG GTC CGC TTC GAT GAG ACC GTA	1876
CGC ACC CTC CTG GCC GAC GGC TTC CAG GTG TTC ATC GAG GCC AGC GCC CAC CCC	1930
GTC CTG ACG ATG GGA GTG GAG CAG ACG GCC GAG GAC CAC GGC ACC CGC GTC ACC	1984
GCC GTC GGT TCC CTG CGC CGC GAC GAT GGC GGT CCC GAC CGG TTC GCC ACC TCC	2038
CTC GCC GAG GCG TAT GTC GGC GGC GCG CCC GTC GAC TGG GCG AGG ATG TTC GCC	2092
GGA ACG GGC GCG GAG CGG GCC GAT CTG CCG ACG TAT GCC TTC CAG CGC ACG CAC	2146
TTC TGG CTG GAG TCC GAG ACG GTC GAG GCC GGT GAT GTG CCG TCG GTG GGG CTG	2200
GAC TCG GCC GGG CAT CCG TTG CTG GGT GCC GCC GTG CCG CTG CCC GAC TCC GAC	2254
GGC TTC CTG CTC ACC GGC CGG CTG TCG CTC CGT ACC CAT CCC TGG GTC GCC GAC	2308
CAC GCG GTG GCG GAT GTA ACG CTG CTG CCC GGG ACG GCC TTC GTG GAG CTG CTG	2362
ATG CGG GCC GGT GAC GCG GTC GGC TGC GAC CGG GTG GAC GAA CTG ACC CTG GGA	2416
GCA CCG CTT GTG CTG CCC GAG CAG GGC ACG GTC CGG CTG CAG GTC GCC GTC GGC	2470
GGC CCC GAC GAG GCG GGG CGG CGC TCG GTC GGT GTG TAC GCG CAG ACG GAG GAC	2524
GGC CCC TGG ACG CAG CAC GCG ACC GGT GTG CTC GGC GGC GGT GTG CTC GGC GGC	2578
GGC AGC AGC TCG GCC GAT CGC GTC ACT GAG ACG GAG GCA TGG CCA CCG ACT GGT	2632
GCG GAG GCC GTT GAT GTC GCC GGG CTC TAC GAG AGG TTC GCC CGG ACC GGA	2683

Figure 6 (continued)



1 TACCCGGGTG GCGCTGGCCT TCGTCAGTXG CTATCTCTTC GGGCGCGGCC  
 51 ACAGGGGGAC CTTGGTCCTC GGCCTCGCGG TCTCGCCGCG GGCAAGCGGC  
 101 TCTCCGGTAT CAGCCCACCG GGC GCCCAGG CACTGAAGTC CTCCGAGCTC  
 151 GGCAAGCTGG GCCAGGAGAT CGGCAGCCGG CTGGTCTCCG CGGGTCGGGA  
 201 GGC GGCCATG TCGGCGGCCA GTAGCCGCAT CGACGGCCTG AGCGACCCGC  
 251 TGGAGCACCG CGCCACGGCG CTGCGCACCG GCGGCGCGGG GGGCGGGGAG  
 301 CCGGAGSCGG GGAGGACGAG GAGCCGGACG AGCAGGAGGA GCGCGAGCCA  
 351 CGCGAGCCCA CCGGCAAGCA GCAGCRCAAG CCGGCCGACC GTXCGGCGCA  
 401 GGCCAGGAAG CGGACGGYTC CXAAGGgCTC GCGCGACGXA GCCAGAXGTG  
 451 AGGGCCATGG CTGAGGAAAC CCCCAAGGGG CGGGCCSGTG GGC GCSGCGC  
 501 CTGCCCACCG ACCACCTGXC GAAGXAAGCA CAGGGCCTGC TGATGGCGCT  
 551 GGSCGAAAAG GCTCTGGAAT CGGTCACCCA CCTGGGGGGC AACCCCGGGA  
 601 CGGGCGCGCT XAAGGGCGGA CTGGACCAGG TCAAGGGCAA GGTCTGTCGAC  
 651 ACGGCCAAGG AGCAGATCAA GGAGAAGGTC AAGGACCAGG TCAAGGAAAA  
 701 GGTCTGTCGAC AAGGCCAAGA GCTTCATCCC GGGCCTCGGC GGTGGCGGCG  
 751 ACGGTGGCGG CAAGGGCGGC AAGAAGCTCA AGGTCACCAA CATCGTGGAG  
 801 CAGATCGACG TGGGCGCGCC CCTCTCCCTC ACCTACAACC TCTGGACGGA  
 851 GTGGGAGAAC TTCCCCTCGT ACATGAAGAA GGTCTGAGGAC GTCCAGAACC  
 901 AGGGCGAGGA GGAGGGTGAG GACGAGGACG GGHCCGGGAC GGAATCCGAG  
 951 TGGAAGGCCC AGGTCTTCTG GTCGCACCGC AAGTGGCAGG CAGAGGTCGT  
 1001 CGAGCAGGTG CCCGAACAAG SCGGATCATC TGGAGCGTCT VCgGGCCGAD  
 1051 CAAGGMCCA TGTSCGACRG VACGATCACC TTCCATGAGC TGGCCCCCGA  
 1101 GCTCACCCGG ATCC

Figure 7

1 GCATGCGSGC GGGCGGCGAA SSGcGTTTCGT CGGTCACGGG GGCCTAGGCG  
 51 TAGGCCCCSGC CACGCGGGGT GCGGGTGAGC AACTGCTTGG TGTGCATACG  
 101 GGTGAGGATC GTCACCACGC TGTTGTAGGC CAGTTCGCCC CCGAGGCGTT  
 151 CGGTGACCTC CCGGGGGGTC AGCGCGCCGT CGGCCCCTG CAGCAGTTCG  
 201 AGGATCTCGG CCTCGCGGGC ACCGTTGGGC CGCTTGGGCC CGTGTCTTGG  
 251 CGTGCGGATG CCCATGCGGT TGGCCTCCCT CATCTCATCA CCCBACACTC  
 301 GTGTAGGACT CCTACACCGG TGTAAGAGCT GTTGTCTCCC AAGTGTGCCA  
 351 TGCACGCGTG CCTGGGCAGA ACTCTGCCTT GGGCGGGCAC GGSCGGAAAG  
 401 GACCCTGCGG TGCCTTTGGC CCTCAACCCG CTGGATGCCG CCGAACTGCT  
 451 GACAGCGTTC GGCACGGCGG GTGTCTTCGT GGTGCTGTTC GCCGAGACCG  
 501 GACTTCTGAT CGGCTTCTTC CTGCCCCGTG ACTCCCTGTT GGTACCCGCC  
 551 GGCCTKCTGT GTACGGCCTC GGGCAGGGGC GTCCACCTGT CGGTGCCCGG  
 601 TGTGCCGGTC CGTACCCGCG GCCGGCACCT GATCGACGGT GTTAGGCGTG  
 651 CGGAGGAGCT TCTYgCCGV TACGACCGCT ACCGGTTCCT CTGTTCGCGC  
 701 TGATCGACGC GTYTYCCCGC TGCCGCTCGC CCTGGGAGCG CTCAGGTCCC  
 751 GCCGGGCCCC CaCCGCCGSG GAGCCGACCG TGGGAGCGC CAAGTGAaGA  
 801 CACCTTCCCC TGATCCACAA CGTGTACGCG ATCGGCGGVA CGATCCGCAC  
 851 CAAGCTAAAT CTCGCCGCCG GGCTCGCCGA CCGGCACRAG GTGACGAYCG  
 901 TATCGATGCT CCGCCACCGC ACCXACCCGC GatTCCGTCA TCGATCCACG  
 951 GGTGACGGTC GTGCCCCTGG TTGACATACA CGCgGACGCC GCCGACCCCC  
 1001 TGCTGCATCA GCCGGCCGAG GTCTTCCCCA CCGCCGAGAA GCGGTACAGG  
 1051 CAGTACAGCC GCCTCACCGA CCAGSGGGCG CGCGAGTACC TGCgGAAGCT  
 1101 GCGACGCGGA CGTGATCATC GGCACGCGGC CGGGCATCAA TGTGTACCTG  
 1151 GCCCCTTCGC ACCGCCCCGG gCACTGCGCA TCGCCCAGGA ACACCTCACC  
 1201 CACGASACGC ACACCAAGAG CTGCGCGCCC AGCTCGSSSG CCAGTACCGC  
 1251 GACCTGGATG CCGTGGTCAC CACGACCGAA GCCGACGCGG CCGTCTACCG  
 1301 GGCGAGATGC GGCTGCCGGG CGGGgG

Figure 8

MTTSTSSPAASSASPARQVVVGLAERSYTVHIGHGVQRLLPQVVAALGARRAVVVTARPAEQTPDPGVPSLVVPA  
RDGEAAKDLAAVTDLCRRFVGFGLTRSDVVVSCGGGTTTDTVGLAAALYHRGTPVVHVPTSLLAQVDASVGGKTA  
VNLPEGKNLVGAYWQPAAVLCDLEHLKTLPEREWRNGLGEIARCHFIGAPDLDDGLPLLDQISASVTLKAGIVAAD  
ERDSGLRHLLNYGHTLGHALERATGFALRHGEGVAIGTVFAGRLAGALGRIGPERVAEHHDVVARYGLPTALPPH  
VSVSELVELMRLDKKATDGLTFVLDSAPAGPLVRGIAEDTVGATLAAMPRAPAW

Figure 9

62558	ca ccatgcgggc gcgcggggca				
62581	tcgccgcgag ggtggcgccg acggtgtcct	cggcgatccc	gcgcaccagt	ccggggccccg	
62641	cggggctatc caggacgaac gtcagcccgt	cggtggcctt	cttgtccagg	cgcatacagct	
62701	ccaccagctc ggacacggag acatgcgggg	gcagcgcggt	cggcaggccg	tagcggggcga	
62761	ccacgtcatg atgtcggcc acgcgtccg	ggccgatgag	ccccagcgcg	ccggcgagcc	
62821	ggccggcgaa aaccgtgccg atggccactc	cctccccgtg	ccgcagcgcg	aaccgggtgg	
62881	cacgttccag cgcatacccc aacgtgtgtc	cgtagttagg	gaggtggcgc	aggcccgagt	
62941	cgcgtcgtc cgcggcgacg atgcccgcct	tgagcgtcac	actggccgag	atctgggtcga	
63001	gcagcggcag cccgtcgaga tcgggcgcgc	cgatgaagtg	gcagcgggag	atctcaccga	
63061	ggcgttgcg ccattcccgt tcgggcaggg	tcttcagatg	ttcgaggtag	cagagcacgg	
63121	ccgcgggctg ccagtaggcg ccgaccagat	tcttgcctc	gggcagattc	accgcggtct	
63181	tcccgcgcac gtcgcgtcc acctgggcca	gcagcgaggt	cggcacgtgt	acgaccgggg	
63241	tgccccggtg gtagaggcg gcggccaggc	ccaccgtgtc	ggtcgtggtg	ccgccgccac	
63301	aggacaccac cacatccgag cgggtcagtc	cgaatccgac	gaaccggcgg	cacagatcgg	
63361	tcacggcggc caggtccttg gccgcctccc	cgtcgcgggc	gggtacgacg	agcgagggca	
63421	ctcctgggtc ggggtctgc tcggcgggccc	gcgcggtgac	caccaccgcc	ctgcgcgcgc	
63481	ccagggcggc caccacctgt gggagcagcc	gctgcacacc	gtgtccgatg	tgcacggtgt	
63541	aggagcgttc ggccagcccg acgacgacct	gtcgggcggg	ggaagcggaa	ctggcgggccg	
63601	gactggaagt cgacgtggtc aa				

Figure 10

MDKRTMGRHRRITQPPRTTLATRAVLAAGVLVPTIASAGSAHAATPQAAICTSDRPELADKLSEDINSALEGSAA  
TTAISLHDRTTNTTCTLDADRHFDSTVVKVTVLSTLLWDAQKDNRALTQEEKDHATAMITESDNDATTALWKQL  
GADKINGFLQAAGMTNTTLDSEGHWGLTQITANDEEKLLQLVTHTNPVLSDDSRAYILKLTAEVIPSQRWGTPAG  
APSDAQVHVKNWLERATNGWRVHSLGAFTGGDHDYTITVLSQDNATMDDGIANIEGIARAVHENLNAPVSSAQS

Figure 11

771 ttacgactga  
781 gcgctggaca cgggcgcggt gaggttctcg tggaccgcgc gggcgatgcc ctcgatgttg  
841 gcgatgccgt cgtccatcgt ggcgttgctc tgcgagagca ccgtgatcgt gtagtcgtgg  
901 tcgccgccgg tgaaggcgcc gaggtgtgc acccgccagc cgttcgtggc ccgtccagc  
961 cagccgttct tcacatgcac ctgggcgctc ctcggcgcg cggccggggg gccccagcgc  
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1141 gtgagcccc agtgccctc gctgtcgagg gtggtgttg tcattcccgc ggcctgcagg  
1201 aaccggttga tctgtccgc cccagctgc ttccacagc cggtggtggc gtcgttgctc  
1261 gactctgtga tcatggcggg ggcattggtc ttctcctct gtgtcagggc gcgattgtcc  
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1381 aagtgccggt ccgcatccag agtgcagggt gtgttcgtgg tgcggtcgtg gaggctgatc  
1441 gccgtggtgg cggcggagcc ctccagcgc gaattgatgt cctcggagag cttgtcggcg  
1501 agttccggcc ggtccgaggt gcagatcgcc gcctgcgggg tggccgcgtg agccgacccc  
1561 gccgaggcga tcgtcggcac gagcaccccg gcggccagca ccgctcttgt cgccaggggtg  
1621 gtacggggag gctgggttat tcgtcggtgt cgacccatgg tgcgcttgct cat

Figure 12